BCP 09/14/04

L	Hits	Search Text	DB	Time stamp
Number 1	2	"20030163143"	USPAT;	2004/09/14
1	2	~20030163143~	US-PGPUB;	16:56
			EPO; JPO;	16.56
			DERWENT;	
	•		IBM TDB	
6	75	(US-6544276-\$ or US-6312444-\$ or	USPAT;	2004/09/14
•	73	US-6068645-\$ or US-5478353-\$ or	US-PGPUB	17:04
		US-5919207-\$ or US-4692139-\$ or	05 FGF0B	17.04
		US-5303719-\$ or US-5817062-\$ or		
		US-5443484-\$ or US-6508782-\$ or		
		US-5971983-\$ or US-4526571-\$ or		1
		US-4516398-\$ or US-4466435-\$ or		
		US-4063557-\$ or US-5707359-\$ or		
		US-4909789-\$ or US-5248302-\$ or		
		US-6030402-\$ or US-5372588-\$ or	1	
1		US-5112310-\$ or US-4666433-\$ or		
		US-6015400-\$ or US-5871467-\$ or		
		US-5339803-\$ or US-5417712-\$).did. or		
		(US-5195505-\$ or US-6620129-\$ or		
Ī		US-5556376-\$ or US-6458106-\$ or		
		US-6402722-\$ or US-6077250-\$ or		
		US-5454790-\$ or US-5556411-\$ or		
		US-5234454-\$ or US-5344439-\$ or	•	
		US-6494893-\$ or US-5352235-\$ or		
		US-5351679-\$ or US-5282806-\$ or		
		US-4830002-\$ or US-4655219-\$ or		
		US-4393872-\$ or US-6749622-\$ or	1	
		US-6558349-\$ or US-5755732-\$ or		
1		US-5267960-\$ or US-5643292-\$ or		
		US-5613975-\$ or US-5499991-\$ or		
İ		US-5439469-\$ or US-5350385-\$ or		
		US-5573540-\$).did. or (US-6056760-\$ or		
		US-5910148-\$ or US-5741279-\$ or		
ĺ		US-5720757-\$ or US-6599303-\$ or		
1		US-5397345-\$ or US-6752756-\$).did. or		
ļ		(US-20020029052-\$ or US-20030163147-\$ or		
		US-20030009125-\$ or US-20020007130-\$ or	1	
		US-20040015177-\$ or US-20030163143-\$ or	1	
		US-20030153933-\$ or US-20030078600-\$ or		
		US-20020193810-\$ or US-20020095164-\$ or	1	
1		US-20010016747-\$ or US-20040176786-\$ or		
		US-20040172050-\$ or US-20040092975-\$ or	1	
		US-20040087985-\$).did.		1

	·			0004/00/22
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•		US-5919207-\$ or US-4692139-\$ or		
		US-5303719-\$ or US-5817062-\$ or		
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		US-5971983-\$ or US-4526571-\$ or		
		US-4516398-\$ or US-4466435-\$ or		
		US-4063557-\$ or US-5707359-\$ or		
		US-4909789-\$ or US-5248302-\$ or		
		US-6030402-\$ or US-5372588-\$ or		
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		US-6015400-\$ or US-5871467-\$ or		
		US-5339803-\$ or US-5417712-\$).did. or		1
		(US-5195505-\$ or US-6620129-\$ or		
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		US-5454790-\$ or US-5556411-\$ or		
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1		US-4393872-\$ or US-6749622-\$ or		
		US-6558349-\$ or US-5755732-\$ or		
	[	US-5267960-\$ or US-5643292-\$ or		
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	1	US-5439469-\$ or US-5350385-\$ or		
		US-5573540-\$).did. or (US-6056760-\$ or		
	i	US-5910148-\$ or US-5741279-\$ or		
		US-5720757-\$ or US-6599303-\$ or		
		US-5397345-\$ or US-6752756-\$).did. or		
		,		
İ		(US-20020029052-\$ or US-20030163147-\$ or		
		US-20030009125-\$ or US-20020007130-\$ or		ļ
1		US-20040015177-\$ or US-20030163143-\$ or		
		US-20030153933-\$ or US-20030078600-\$ or		
		US-20020193810-\$ or US-20020095164-\$ or		
		US-20010016747-\$ or US-20040176786-\$ or		
		US-20040172050-\$ or US-20040092975-\$ or		
		US-20040087985-\$).did.) and (braid or		
1	1	braided)	**********	2004/00/14
24	] 10	edoga.in.	USPAT;	2004/09/14
			US-PGPUB	17:46
83	1	5613975.pn.	USPAT;	2004/09/14
			US-PGPUB	17:46 ·
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	1			[
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-	1	5782861.pn.	USPAT;	2003/11/06
		<u> </u>	US-PGPUB	15:32
_	1	5984950.pn.	USPAT;	2003/11/06
	1		US-PGPUB	15:25
_	6	/"5222074"   "5234447"   "5242203"	USPAT	2003/11/06
-	"	("5222974"   "5234447"   "5342393"	OSFAI	15:29
	_	"5403333"   "5478353"   "5782861").PN.	HCDAM	1
1 -	4	5984950.URPN.	USPAT	2003/11/06
				15:30
-	20	("4619261"   "4852568"   "4890612"	USPAT	2003/11/06
1		"4929246"   "5021059"   "5061274"		15:31
1		"5221259"   "5222974"   "5234447"		
		"5275616"   "5342388"   "5342393"		
	1	"5383899"   "5391183"   "5403333"		
			}	
		"5417699"   "5419765"   "5478353"	Ì	
		"5486195"   "5527322").PN.		0000/44/65
-	10	5782861.URPN.	USPAT	2003/11/06
[				15:32

- 33 (("5222974"   "5224447"   "5342393"   USPAT; US-PGPUB   15:32   1					
or 5984950 UREN. or ("4619261"   "4852566"   "489012"   "492746"   "5021055"   "5021055"   "5021055"   "5021055"   "5021274"   "5221255"   "522747"   "5221255"   "522747"   "5221255"   "522747"   "5221255"   "5222747"   "5221255"   "5222747"   "5221255"   "5222747"   "5224447"   "5221255"   "5222747"   "5224447"   "5222574"   "5224447"   "5222574"   "5224447"   "521255"   "5021055"   "50	_	33	(("5222974"   "5234447"   "5342393"	USPAT;	2003/11/06
or 5984950 UREN. or ("4619261"   "4852566"   "489012"   "492746"   "5021055"   "5021055"   "5021055"   "5021055"   "5021274"   "5221255"   "522747"   "5221255"   "522747"   "5221255"   "522747"   "5221255"   "5222747"   "5221255"   "5222747"   "5221255"   "5222747"   "5224447"   "5221255"   "5222747"   "5224447"   "5222574"   "5224447"   "5222574"   "5224447"   "521255"   "5021055"   "50				US-PGPUB	15:32
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"50210559"   "5061274"   "5212559"     "5222774"   "5342384"   "53725616"     "5342384"   "5342393"   "53833899"     "519765183"   "5403333"   "5417699"     "5419765"   "5478353"   "5486195"     "619765   "4890612"   "499246"     "6202599"   "6102174"   "5221559"     "5222974"   "8234447"   "8275616"     "6102599"   "5061274"   "5221559"     "6202599"   "6102174"   "5221559"     "6202599"   "6102174"   "5221559"     "6202599"   "6102174"   "5221559"     "6202599"   "6102174"   "5275616"     "63225974"   "8234447"   "8275616"     "6067169.ccls. and ultrasonic     "797667789999999999999999999999999999999			1 ' '		
"\$222974"   "\$234447"   "\$275616"   "\$342388"   "\$403333"   "\$417699"   "\$547752"   PN.) or \$78261.URPN.   "\$527322") PN.) or \$78261.URPN.   "\$527322"   PN.) or \$78261.URPN.   "\$527322"   PN.) or \$78261.URPN.   "\$527322"   PN.) or \$78261.URPN.   "\$527322"   PN.) or \$78261.URPN.   "\$527322"   PN.) or \$78261.URPN.   "\$527322"   PN.) or \$78261.URPN.   "\$621059"   "\$5061274"   "\$221259"   "\$522074"   "\$5234447"   "\$5275616"   "\$5342386"   "\$5342393"   "\$383399"   "\$539183"   "\$5403333"   "\$486195"   "\$527322"   PN.) or \$78261.URPN.   or \$584950.URPN.   or \$584950.URPN. or \$78261.URPN.   or \$584950.URPN.   or \$58					
"5342388"   "5342393"   "5383899"   "5419765"   "5478353"   "5486195"   "527322"), PN.) or 5782661.URPN.   "527322"), PN.) or 5782661.URPN.   "527322"), PN.) or 5782661.URPN.   "527323"   "5486195"   "527322"   "5234447"   "5742853"   "527322"   "5234447"   "5742853"   "527322"   "5234447"   "5275616"   "527322"   "5234447"   "5276616"   "527322"   "5234447"   "5276616"   "527322"   PN.) or 5782661.URPN.   "527322"   PN.   or 5782661.URPN.   "52732"   PN.   or 5782661.URPN.   "					
"5391183"   "5403333"   "5417699"   "54773835]   "5486195"   "5527322") P.N.) or 5782661.URPN.) or 5984950.URPN. or ("4619526")   "5342437"   "5342393"   "6403333"   "5478353"   "5782661").P.N.) or 5984950.URPN. or ("4619526"   "4922246"   "64021099"   "561274"   "5222125"   "6782361").P.N.) or 5984950.URPN. or ("4619526"   "67822125"   "67822125"   "67822125"   "67822125"   "67823213"   "67822125"   "67822125"   "67822125"   "67822125"   "67822125"   "67822125"   "6782225"   "6782322").P.N.) or 5984950.URPN.) or 5782661.URPN.) and cauters6  - 1 1 (("5222974"   "5234447"   "5342393"   USPAT; US-PGPUB   15:34  "6794950.URPN. or ("46195261"   "4929246"   "67822125"   "67822974"   "5234447"   "5221259"   "67822974"   "5234447"   "5221259"   "67822974"   "5234447"   "5221259"   "67822974"   "5234447"   "5221259"   "67822974"   "5234447"   "5221259"   "67822974"   "5234447"   "5275616"   US-PGPUB   15:34  - 3 (("5222974"   "5234447"   "5342393"   USPAT; US-PGPUB   US-PG			"5222974"   "5234447"   "5275616"	1	
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- 6 ("5527322"), P.N.) or 5782661.URPN.   USPAT;					•
- 6 ((("\$222974"   "\$234447"   "\$342393"   USPAT; US-PGVB				}	
"\$493333"   "\$478353"   "\$782861"), PN.)					
	-	6		USPAT;	2003/11/06
	1		"5403333"   "5478353"   "5782861").PN.)	US-PGPUB	15:32
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"5021059"   "5021474"   "5212259"			· · · · · · · · · · · · · · · · · · ·		
"\$222974"   "\$234447"   "\$275616"   "\$342388"   "\$342388"   "\$343989"   "\$391183"   "\$403333"   "\$416699"   "\$5527322").PN.) or 5782861.URPN.) and cauter\$6 (((("\$222974"   "\$234447"   "\$342333"   USPAT; USPGPUB   "\$403333"   "\$478353"   "\$782861").PN.) or 5884950.URPN. or (("4619261"   "5021059"   "\$5021059"   "\$5021259"   "55222974"   "\$234447"   "\$221259"   "5222974"   "\$234447"   "\$2721259"   "523443"   "\$4187659"   "\$5419168"   "\$419765"   "\$418353"   "\$4186195"   "\$5422974"   "\$234447"   "\$2721259"   "\$5423333"   "\$4187659"   "\$419765"   "\$4183533"   "\$486195"   "\$5423333"   "\$486195"   "\$5403333"   "\$4852568"   "\$60527322").PN.) or 5782861.URPN.) and ultrasonic ("\$222974"   "\$234447"   "\$342393"   USPAT; USPGPUB   15:40  - 3342388"   "\$489612"   "4929246"   "\$5222974"   "\$5222974"   "\$5234447"   "5272259"   "\$5222974"   "\$5222974"   "\$524447"   "\$522259"   "\$5222974"   "\$52239333"   "\$478353"   "\$4896195"   "\$5222974"   "\$5222974"   "\$5234447"   "\$5275616"   "\$5222974"   "			· · · · · · · · · · · · · · · · · · ·		
"5342388"   "5342393"   "5383899"   "5319133"   "5403333"   "54078261   NPN.) and cauters6  - 1 1 (("5222974"   "5234447"   "5342393"   USPAT; US-PGPUB   "5403333"   "5478353"   "5782861").PN.) or 5782861   "8792861"   "8792861   "5021059"   "6501274"   "52234447"   "5342393"   USPAT; US-PGPUB   "5222974"   "5234447"   "5275616"   "5222974"   "5222974"   "5222974"   "5224974   "522259"   "5222974"   "5234447"   "5275616"   "5322393"   USPAT; US-PGPUB   "5403333"   "5478353"   "5486195"   "5527322").PN.) or 5782861.URPN.) and ultrasonic   "6403333"   "5478353"   "5382861").PN.) or 5984950.URPN. or (("4619261"   "8906127"   "890717"   "89071			, , , , , , , , , , , , , , , , , , , ,		
"5391183"   "5403333"   "5417699"   "5527322").PN.) or 5782861.URPN.) and cauters6 ((("5222974"   "5234447"   "5342393"   USPAT; US-PGPUB   "5403333"   "5478353"   "5478661").PN.) or 5984950.URPN. or (("4619261"   "5527322").PN.) or 5782861.URPN.) and or 5984950.URPN. or (("4619261"   "5521059"   "55021059"   "55021059"   "55021059"   "5234447"   "52721259"   "5522974"   "5234447"   "52721259"   "5342388"   "5342388"   "5342388"   "5342388"   "548353899"   "5342388"   "548353"   "5486195"   "5527322").PN.) or 5782861.URPN.) and ultrasonic					
"5419765"   "5478353"   "5486195"   "5527322")   "N.) or 57828661   "RN.) and cauter\$6 ((("5222974"   "5234447"   "5342393"   "5403333"   "5478535"   "5782861"   .PN.) or 5782866"   "4890612"   "4929246"   "5021059"   "5061274"   "52234447"   "5275616"   "5324238"   "5342383"   "547659"   "5419765"   "5478535"   "5486195"   "5527322")   .PN.) or 5782861   .RPN.) and ultrasonic  "(("5222974"   "5234447"   "5275616"   "5347238"   "5478353"   "5486195"   "5527322")   .PN.) or 5782861   .RPN.) and ultrasonic "(("5222974"   "5234447"   "5275616"   "6343333"   "5478353"   "5486195"   "6433333"   "5478353"   "5486195"   "6433333"   "5478353"   "5382861"   .PN.) or 5984950   .URPN. or (("4619261"   "0574046"   "65021059"   "5061274"   "5221259"   "5222974"   "5234447"   "5275616"   "65342388"   "6493612"   "4929246"   "6501059"   "55021059"   "5061274"   "5221259"   "5222974"   "5234447"   "5275616"   "65342388"   "5342393"   "5383899"   "5342388"   "5342393"   "5383899"   "53527322"   .PN.) or 5782861   .URPN.) and ultras7  - 797 606/159.ccls. and ultrasonic  - 199 606/159.ccls. and ultrasonic  - 391 606/169.ccls. and ultrasonic  - 392 606/169.ccls. and ultrasonic  - 303 606/169.ccls. and ultrasonic   USPAT;   USPA			"5342388"   "5342393"   "5383899"		
- "5527322", PN.) or 5782861.URPN.) and cauters6 ((("5222974"   "5234447"   "5342393"   USPAT; USPAT			"5391183"   "5403333"   "5417699"		
- "5527322", PN.) or 5782861.URPN.) and cauters6 ((("5222974"   "5234447"   "5342393"   USPAT; USPAT	-		"5419765"   "5478353"   "5486195"		
Cauter\$6					
1			l ·		
"5403333"   "5478353"   "5782861"   PN.)   US-PGPUB   15:34   or 5984950.URPN. or ("4619261"   "4852568"   "4890612"   "4929246"   "5021059"   "5021059"   "5021059"   "5021059"   "51229974"   "52275616"   "5342388"   "5342388"   "5342388"   "5342388"   "5342388"   "5403333"   "54176699"   "5527322").PN.) or 5782861.URPN.) and ultrasonic ("("522274"   "5234447"   "5342383"   USPAT; US-PGPUB   15:40   US-PGPUB   15:40   US-PGPUB   US-PG		_			2002/11/06
or \$984950.URPN. or (("4619261"   "492246"   "85221059"   "85051274"   "8221259"   "5021059"   "5061274"   "8221259"   "5222974"   "5224747"   "52275616"   "5342388"   "5342388"   "5342383"   "548333"   "5486195"   "5527322"). PN.) or 5782861.URPN.) and ultrasonic ((("\$222974"   "5234447"   "5274618"). PN.) or 5984950.URPN. or (("4619261"   "492246"   "6521059"   "5021059"   "5061274"   "5222259"   "5222974"   "5222474"   "522259"   "5222974"   "5222974"   "5222974"   "5222974"   "5222974"   "5222974"   "5222974"   "5222974"   "5222974"   "5222974"   "5222974"   "522259"   "5222974"   "5222974"   "522259"   "5222974"   "52222974"   "5222974"   "5222974"   "5222974"   "5222974"   "5222974"   "5	-	1		1	
"4852568"   "4890612"   "4929246"   "5021059"   "506174"   "5021259"   "5222974"   "52234447"   "5275616"   "5342388"   "5342383"   "53438899"   "5391183"   "5403333"   "5417699"   "55419765"   "5403333"   "5486195"   "552732").PN.) or 5782861.URPN.) and ultrasonic or 5984950.URPN, or ("4619261"   "4852568"   "4890612"   "4929246"   "5021059"   "506174"   "5221259"   "5222974"   "52234447"   "5275616"   "4852568"   "4890612"   "4929246"   "5222974"   "5223447"   "5275616"   "5342388"   "5342383"   "5343899"   "5391183"   "5403333"   "5383899"   "5391183"   "5403333"   "5383899"   "5597182").PN.) or 5782861.URPN.) and ultras7  - 797 606/159.ccls. and ultrasonic   USPAT; 060/159.ccls. and ultrasonic   USPAT; 079 606/159.ccls. and ultrasonic   USPAT; 079 606/169.ccls. and ultrasonic   USPAT; 079 604/174.ccls. and ultrasonic   USPAT; 079 10:24 079 10:24 079 10:24 079 10:24 079 10:24 079 10:24 079 10:24 079 10:24 079 10:24 079 10:24 079 10:24 079 10:24 079 10:25 079 10:24 079 10:24 079 10:25 079 10:24 079 10:25 079 10:26 079 10:26 079 10:27 079 10:27 079 10:28				US-PGPUB	15:34
"4852568"   "4890612"   "4929246"   "5021059"   "506174"   "5021259"   "5222974"   "52234447"   "5275616"   "5342388"   "5342383"   "53438899"   "5391183"   "5403333"   "5417699"   "55419765"   "5403333"   "5486195"   "552732").PN.) or 5782861.URPN.) and ultrasonic or 5984950.URPN, or ("4619261"   "4852568"   "4890612"   "4929246"   "5021059"   "506174"   "5221259"   "5222974"   "52234447"   "5275616"   "4852568"   "4890612"   "4929246"   "5222974"   "5223447"   "5275616"   "5342388"   "5342383"   "5343899"   "5391183"   "5403333"   "5383899"   "5391183"   "5403333"   "5383899"   "5597182").PN.) or 5782861.URPN.) and ultras7  - 797 606/159.ccls. and ultrasonic   USPAT; 060/159.ccls. and ultrasonic   USPAT; 079 606/159.ccls. and ultrasonic   USPAT; 079 606/169.ccls. and ultrasonic   USPAT; 079 604/174.ccls. and ultrasonic   USPAT; 079 10:24 079 10:24 079 10:24 079 10:24 079 10:24 079 10:24 079 10:24 079 10:24 079 10:24 079 10:24 079 10:24 079 10:24 079 10:25 079 10:24 079 10:24 079 10:25 079 10:24 079 10:25 079 10:26 079 10:26 079 10:27 079 10:27 079 10:28		•	or 5984950.URPN. or (("4619261"		
"5021059"   "5061274"   "5221259"   "5222974"   "5234477"   "5275616"   "5342388"   "5342393"   "5383899"   "5391183"   "5403333"   "54816155"   "5527322").PN.) or 5782861.URPN.) and ultrasonic (((("5222974"   "5234447"   "52342393"   "5403333"   "5478353"   "5782861").PN.) or 5984950.URPN. or (("4619261"   "4852568"   "48906122"   "4929246"   "5021059"   "5061274"   "5221259"   "5022974"   "52234447"   "521259"   "53223974"   "5234447"   "527616"   "5342388"   "5342393"   "5383899"   "5342388"   "5342393"   "5383899"   "5342388"   "5342393"   "5383899"   "534188"   "53423333"   "5417699"   "5527322").PN.) or 5782861.URPN.) and ultrasonic USPAT; 2003/11/06 US-PGPUB USPAT; 2003/11/07 US-PGPUB USPAT; 2003/11/07 US-P					
"5222974"   "5234447"   "5275616"   "5342388"   "5342393"   "5403333"   "5417699"   "5391183"   "5403333"   "5417699"   "519765"   "5478353"   "5486155"   "5527322").PN.) or 5782861.URPN.) and ultrasonic (("522974"   "5234447"   "5342393"   USPAT; US-PGPUB   "5403333"   "5478353"   "5782861").PN.) or 5782861.URPN.) and ultrasonic ("461950.URPN. or ("4619261"   "14852568"   "4890612"   "4929246"   "5021059"   "5061274"   "5221259"   "5222974"   "5234447"   "5275616"   "5342386"   "5342386"   "5342393"   "5417699"   "5527322974"   "5234447"   "5275616"   "5527322974"   "5234447"   "5275616"   "5527322974"   "5478353"   "5417699"   "5147659"   "5147669"   "5147669"   "5147669"   "5147669"   "5147669"   "5147669"   "5147669"   "5147669"   "5147669"   "5147669"   "5147669"   "5147669"   "5147669"   "5147669"   "5147669"   "5147669"   "5147669"   "5147669"   "5147699"   "5147			, , , , , , , , , , , , , , , , , , , ,		
"5342388"   "5342393"   "5383899"     "5391183"   "5403333"   "5486195"     "5527322").PN.) or 5782861.URPN.) and ultrasonic ((("5222974"   "5234447"   "5342393"   USPAT; 2003/11/06     "4852568"   "4890612"   "492246"     "4852568"   "4890612"   "492246"     "5021059"   "5061274"   "5221259"     "5222974"   "5234447"   "5275616"     "5342388"   "5342393"   "5486195"     "5342388"   "5342393"   "5486195"     "5342388"   "5342393"   "5486195"     "53427322").PN.) or 5782861.URPN.) and ultrasonic   USPAT; 2003/11/06     USPAT; 2003/11/07     US					
"5391183"   "5403333"   "5417699"   "5417695"   "5419765"   "5478353"   "5486195"   "5527322").PN.) or 5782861.URPN.) and ultrasonic ((("5222974"   "5234447"   "5342393"   USPAT; US-PGPUB   15:40			5222914"   "5234441"   "5213010"		
"5419765"   "5478352"   "5486195"   "5527322") PN.) or 5782861 URPN.) and ultrasonic ((("522277"   "5234447"   "5342393"   USPAT;					
- 33			"5391183"   "5403333"   "5417699"		
Uspar   Uspa			"5419765"   "5478353"   "5486195"		
Uspar   Uspa			"5527322").PN.) or 5782861.URPN.) and		_
Comparison   Com			1		
"\$403333"   "\$478353"   "\$782861").PN.)   US-PGPUB   15:40   US-PGPUB   Test   US-PGPUB   US-PGPU		,		HCDAT.	2003/11/06
or 5984950.URPN. or (("4619261"   "4852568"   "4890612"   "499246"   "5021059"   "5061274"   "5221259"   "5222974"   "5222974"   "5221259"   "5222974"   "5234447"   "5275616"   "5342388"   "5342393"   "5486195"   "5523222").PN.) or 5782861.URPN.) and ultras7   "5527222").PN.) or 5782861.URPN.) and ultras7   606/159.ccls. and ultraso\$5   USPAT; 2003/11/06   US-PGPUB   16:38   USPAT; 2003/11/06   US-PGPUB   16:39   USPAT; 2003/11/06   USPAT; 2003/11/07   USPAT; 2003/11/0	-	3	1 ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	· ·	1
"4852568"   "4890612"   "4929246"			1	US-PGPUB	15:40
"5021059"   "5061274"   "5221259"		ŀ	or 5984950.URPN. or (("4619261"		
"5222974"   "5234447"   "5275616"   "5342388"   "5342393"   "5383899"   "5342183"   "5403333"   "5417699"   "5419765"   "5478353"   "5486195"   "527322").PN.) or 5782861.URPN.) and ultra\$7 - 797 606/159.ccls.			"4852568"   "4890612"   "4929246"		
"5222974"   "5234447"   "5275616"   "5342388"   "5342393"   "5383899"   "5342183"   "5403333"   "5417699"   "5419765"   "5478353"   "5486195"   "527322").PN.) or 5782861.URPN.) and ultra\$7 - 797 606/159.ccls.			"5021059"   "5061274"   "5221259"		
"5342388"   "5342393"   "5383899"   "5391183"   "54073333"   "5417699"   "5419765"   "55478353"   "5486195"   "5527322").PN.) or 5782861.URPN.) and ultras?  - 797					
"5391183"   "5403333"   "5417699"   "5419765"   "5478353"   "5486195"   "5527322").PN.) or 5782861.URPN.) and ultras7  - 797					
"5419765"   "5478353"   "5486195"   "5527322").PN.) or 5782861.URPN.) and ultra\$7  - 797 606/159.ccls.  199 606/159.ccls. and ultraso\$5  - 199 606/169.ccls. and ultrasonic  - 328 606/169.ccls. and ultrasonic  - 100 (606/169.ccls. and ultrasonic) uspar; 2003/11/06 uspar; 2003/11/07			, , , , , , , , , , , , , , , , , , , ,		
"5527322").PN.) or 5782861.URPN.) and ultra\$7  - 797 606/159.ccls. USPAT; 2003/11/06					
- 797 606/159.ccls. USPAT; USP			, , , , , , , , , , , , , , , , , , , ,		
- 797 606/159.ccls. USPAT; 2003/11/06 15:41			"5527322").PN.) or 5782861.URPN.) and		• .
- 797 606/159.ccls. USPAT; 2003/11/06 15:41			ultra\$7		
US-PGPUB   15:41   2003/11/06   US-PGPUB   16:38   USPAT;   2003/11/06   US-PGPUB   16:39   USPAT;   2003/11/06   US-PGPUB   16:39   USPAT;   2003/11/06   US-PGPUB   16:39   USPAT;   2003/11/06   US-PGPUB   16:39   USPAT;   2003/11/06   US-PGPUB   16:40   US-PGPUB   16:40   US-PGPUB   16:40   US-PGPUB   16:40   USPAT;   2003/11/06   US-PGPUB   17:01   US-PGPUB   17:01   US-PGPUB   17:06   US-PGPUB   17:07   US-PGPUB   10:36   US-PGPUB   10:37   US-PGPUB   10:38   US-PGPUB   US-PGPUB   US-PGPUB   US-PGPUB   US-PGPUB   US-PGPUB   US-PGPUB	_	797	· ·	USPAT:	2003/11/06
- 199 606/159.ccls. and ultraso\$5  - 391 606/169.ccls.  - 391 606/169.ccls.  - 328 606/169.ccls. and ultrasonic  - 100 (606/169.ccls. and ultrasonic) and (vessel or vascular)  - 111 (606/169.ccls. and ultrasonic) and (vessel or vascular or artery)  - 590 604/174.ccls. and ultrasonic  - 38 604/174.ccls. and ultrasonic  - 555 604/164.04.ccls.  - 6604/164.04.ccls. and ultrasonic  - 556 604/164.04.ccls. and ultrasonic  - 100 (006/169.ccls. and ultrasonic) and (vespat; 2003/11/06 vessel or vascular or artery)  - 100 (006/169.ccls. and ultrasonic) and (vespat; 2003/11/06 vessel or vascular or artery)  - 100 (006/169.ccls. and ultrasonic) and (vespat; 2003/11/06 vessel or vascular or uspat; 2003/11/06 vespat; 2003/11/07 vespat; 2003		','	100, 200, 200, 200, 200, 200, 200, 200,		1
- 391 606/169.ccls. USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/06 (vessel or vascular) USPAT; 2003/11/06 (vessel or vascular or artery) USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/07 USPAT; 2003/		100	COC/150 and	1	i
- 391 606/169.ccls. USPAT; 2003/11/06 US-PGPUB 16:39 - 328 606/169.ccls. and ultrasonic USPAT; 2003/11/06 US-PGPUB 16:39 - 100 (606/169.ccls. and ultrasonic) and (vessel or vascular) USPAT; 2003/11/06 US-PGPUB 16:40 - 111 (606/169.ccls. and ultrasonic) and (vessel or vascular or artery) USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/06 USPAT; 2003/11/07	-	199	ouo/139.ccis. and ultraso\$5		
- 328 606/169.ccls. and ultrasonic US-PGPUB 16:39 - 100 (606/169.ccls. and ultrasonic) and (vessel or vascular) US-PGPUB 16:39 - 111 (606/169.ccls. and ultrasonic) and (vessel or vascular) US-PGPUB 16:40 - 111 (606/169.ccls. and ultrasonic) and (vessel or vascular or artery) US-PGPUB 17:01 - 590 604/174.ccls. US-PGPUB 17:06 - 38 604/174.ccls. and ultrasonic US-PGPUB 17:06 - 38 604/174.ccls. and ultrasonic US-PGPUB 17:02 - 55 604/164.04.ccls. US-PGPUB 17:02 - 604/164.04.ccls. and ultrasonic US-PGPUB 10:24 - 6 604/164.04.ccls. and ultrasonic US-PGPUB 10:28 - 36125 606/\$.ccls. and (vessel or vascular or artery) and (vacuum or aspirat\$4) US-PGPUB 10:34 - 36125 606/\$.ccls. US-PGPUB 10:32 - 50636 604/\$.ccls. or 604/\$.ccls. US-PGPUB 10:32 - 81412 606/\$.ccls. or 604/\$.ccls.			<u> </u>	1	
- 328 606/169.ccls. and ultrasonic USPAT; 2003/11/06 US-PGPUB 16:39 - 100 (606/169.ccls. and ultrasonic) and (vessel or vascular) USPAT; 2003/11/06 US-PGPUB 16:40 - 111 (606/169.ccls. and ultrasonic) and (vessel or vascular or artery) US-PGPUB 17:01 - 590 604/174.ccls. USPAT; 2003/11/06 US-PGPUB 17:06 - 38 604/174.ccls. and ultrasonic USPAT; 2003/11/06 US-PGPUB 17:02 - 55 604/164.04.ccls. USPAT; 2003/11/07 - 6 604/164.04.ccls. and ultrasonic USPAT; 2003/11/07 - 6 604/164.04.ccls. and ultrasonic USPAT; 2003/11/07 - 6 6564 ultrasonic and (vessel or vascular or USPAT; 2003/11/07 US-PGPUB 10:28 - 6564 ultrasonic and (vessel or vascular or USPAT; 2003/11/07 US-PGPUB 10:34 - 36125 606/\$.ccls. USPAT; 2003/11/07 - 36125 606/\$.ccls. USPAT; 2003/11/07 - 36125 606/\$.ccls. USPAT; 2003/11/07 - 36125 606/\$.ccls. USPAT; 2003/11/07 - 36125 606/\$.ccls. USPAT; 2003/11/07 - 36125 606/\$.ccls. USPAT; 2003/11/07 - 36125 606/\$.ccls. USPAT; 2003/11/07 - 36125 606/\$.ccls. USPAT; 2003/11/07	-	391	606/169.ccls.		
- 328 606/169.ccls. and ultrasonic USPAT; 2003/11/06 US-PGPUB 16:39 - 100 (606/169.ccls. and ultrasonic) and (vessel or vascular) USPAT; 2003/11/06 US-PGPUB 16:40 - 111 (606/169.ccls. and ultrasonic) and (vessel or vascular or artery) US-PGPUB 17:01 - 590 604/174.ccls. USPAT; 2003/11/06 US-PGPUB 17:06 - 38 604/174.ccls. and ultrasonic USPAT; 2003/11/06 US-PGPUB 17:02 - 55 604/164.04.ccls. USPAT; 2003/11/07 - 6 604/164.04.ccls. and ultrasonic USPAT; 2003/11/07 - 6 604/164.04.ccls. and ultrasonic USPAT; 2003/11/07 - 6 6564 ultrasonic and (vessel or vascular or USPAT; 2003/11/07 US-PGPUB 10:28 - 6564 ultrasonic and (vessel or vascular or USPAT; 2003/11/07 US-PGPUB 10:34 - 36125 606/\$.ccls. USPAT; 2003/11/07 - 36125 606/\$.ccls. USPAT; 2003/11/07 - 36125 606/\$.ccls. USPAT; 2003/11/07 - 36125 606/\$.ccls. USPAT; 2003/11/07 - 36125 606/\$.ccls. USPAT; 2003/11/07 - 36125 606/\$.ccls. USPAT; 2003/11/07 - 36125 606/\$.ccls. USPAT; 2003/11/07 - 36125 606/\$.ccls. USPAT; 2003/11/07				US-PGPUB	16:39
100	_	328	606/169.ccls. and ultrasonic		I .
- 100 (606/169.ccls. and ultrasonic) and (vessel or vascular) - 111 (606/169.ccls. and ultrasonic) and (vessel or vascular) - 111 (606/169.ccls. and ultrasonic) and (vessel or vascular or artery) - 590 604/174.ccls 38 604/174.ccls. and ultrasonic - 38 604/174.ccls. and ultrasonic - 55 604/164.04.ccls 604/164.04.ccls 604/164.04.ccls. and ultrasonic - 105 604/164.04.ccls. and ultrasonic - 105 604/164.04.ccls. and ultrasonic - 105 604/164.04.ccls. and ultrasonic - 105 604/164.04.ccls. and ultrasonic - 105 606/164.04.ccls. ultrasonic - 105 606/164.04.ccls. ultrasonic - 105 606/164.04.ccls. ultrasonic - 105 606/164.04.ccls. ultrasonic - 105 606/164.04.ccls. ultrasonic - 105 606/164.04.ccls. ultrasonic - 105 606/164.04.ccls. ultrasonic - 105 606/164.04.ccls. ultrasonic - 105 606/164.04.ccls. ultrasonic - 105 606/164.04.ccls. ultrasonic - 105 606/164.04.ccls. ultrasonic - 105 606/164.04.ccls. ultrasonic - 105 606/164.04.ccls. ultrasonic - 105 606/164.04.ccls. ultrasonic - 105 606/164.04.ccls. ultrasonic - 105 606/164.04.ccls. ultrasonic - 105 606/164.04.ccls. ultrasonic - 105 606/164.04.ccls. ultrasonic - 105 606/1		320	TTT, 203100121. MIM WADAMONIAO		I control of the cont
(vessel or vascular)       US-PGPUB       16:40         (606/169.ccls. and ultrasonic)       USPAT;       2003/11/06         (vessel or vascular or artery)       US-PGPUB       17:01         590       604/174.ccls.       USPAT;       2003/11/06         US-PGPUB       17:06       US-PGPUB       17:06         05-PGPUB       17:06       US-PGPUB       17:06         US-PGPUB       17:02       US-PGPUB       17:02         US-PGPUB       10:24       US-PGPUB       10:24         US-PGPUB       10:24       US-PGPUB       10:28         US-PGPUB       10:28       US-PGPUB       10:28         US-PGPUB       10:34       US-PGPUB       10:34         US-PGPUB       10:34       US-PGPUB       10:34         US-PGPUB       10:32       USPAT;       2003/11/07         US-PGPUB       10:32       USPAT;       2003/11/07         US-PGPUB       10:32       US-PGPUB       10:32         US-PGPUB       10:32       US-PGPUB       10:32         US-PGPUB       10:32       US-PGPUB       10:34         US-PGPUB       10:32       US-PGPUB       10:32         US-PGPUB       10:32		100	/606/160 mala ====		
- 111 (606/169.ccls. and ultrasonic) and (vessel or vascular or artery) - 590 604/174.ccls 38 604/174.ccls. and ultrasonic - 38 604/164.04.ccls. and ultrasonic - 55 604/164.04.ccls 6 604/164.04.ccls. and ultrasonic - 6 604/164.04.ccls. and ultrasonic - 7 6 604/164.04.ccls. and ultrasonic - 8 6564 ultrasonic and (vessel or vascular or artery) and (vacuum or aspirat\$4) - 36125 606/\$.ccls 50636 604/\$.ccls. uspat; - 10 2003/11/07 - 11 2003/11/06 - 12 2003/11/07 - 13 2003/11/07 - 14 2003/11/07 - 15 2003/11/07 - 16 2003/11/07 - 17 2003/11/07 - 18 2003/11/07 - 18 2003/11/07 - 18 2003/11/07 - 18 2003/11/07 - 18 2003/11/07	_	100	1 ,		
-       (vessel or vascular or artery)       US-PGPUB       17:01         -       590       604/174.ccls.       USPAT;       2003/11/06         US-PGPUB       17:06         US-PGPUB       17:06         US-PGPUB       17:06         US-PGPUB       17:02         US-PGPUB       17:02         US-PGPUB       17:02         US-PGPUB       10:24         US-PGPUB       10:24         US-PGPUB       10:28         US-PGPUB       10:28         US-PGPUB       10:34         US-PGPUB       10:34         US-PGPUB       10:34         US-PGPUB       10:32         US-PGPUB       10:3					I .
(vessel or vascular or artery)	-	111	(606/169.ccls. and ultrasonic) and	USPAT;	2003/11/06
- 590 604/174.ccls. USPAT; 2003/11/06 US-PGPUB 17:06 US-PGPUB 17:06 US-PGPUB 17:06 US-PGPUB 17:02 US-PGPUB 17:02 US-PGPUB 17:02 US-PGPUB 10:24 US-PGPUB 10:24 US-PGPUB 10:24 US-PGPUB 10:28 US-PGPUB 10:28 US-PGPUB 10:38 US-PGPUB 10:34 US-PGPUB 10:34 US-PGPUB 10:34 US-PGPUB 10:34 US-PGPUB 10:34 US-PGPUB 10:34 US-PGPUB 10:34 US-PGPUB 10:34 US-PGPUB 10:32				US-PGPUB	17:01
US-PGPUB   17:06   USPAT;   2003/11/06   US-PGPUB   17:02   US-PGPUB   17:02   US-PGPUB   17:02   US-PGPUB   17:02   US-PGPUB   10:24   US-PGPUB   10:24   US-PGPUB   10:24   US-PGPUB   10:28   US-PGPUB   10:28   US-PGPUB   10:28   US-PGPUB   10:34   US-PGPUB   10:34   US-PGPUB   10:34   US-PGPUB   10:34   US-PGPUB   10:34   US-PGPUB   10:32   US-PGPUB	1 -	590			I .
- 38 604/174.ccls. and ultrasonic USPAT; 2003/11/06 US-PGPUB 17:02 - 55 604/164.04.ccls. USPAT; 2003/11/07 US-PGPUB 10:24 - 6 604/164.04.ccls. and ultrasonic USPAT; 2003/11/07 US-PGPUB 10:28 - 6564 ultrasonic and (vessel or vascular or artery) and (vacuum or aspirat\$4) US-PGPUB 10:34 - 36125 606/\$.ccls. USPAT; 2003/11/07 US-PGPUB 10:32 - 50636 604/\$.ccls. USPAT; 2003/11/07 US-PGPUB 10:32 - 81412 606/\$.ccls. or 604/\$.ccls. USPAT; 2003/11/07	1	1	00., 1, 1, 0010.		1
- 55 604/164.04.ccls. US-PGPUB 17:02 - 55 604/164.04.ccls. and ultrasonic USPAT; 2003/11/07 - 6 604/164.04.ccls. and ultrasonic USPAT; 2003/11/07 - US-PGPUB 10:28 - 6564 ultrasonic and (vessel or vascular or artery) and (vacuum or aspirat\$4) US-PGPUB 10:34 - 36125 606/\$.ccls. USPAT; 2003/11/07 - 50636 604/\$.ccls. USPAT; 2003/11/07 - 50636 604/\$.ccls. USPAT; 2003/11/07 - 81412 606/\$.ccls. or 604/\$.ccls. USPAT; 2003/11/07		30	(04/174 mala and ultraseria		
- 55 604/164.04.ccls. USPAT; 2003/11/07 US-PGPUB 10:24 - 6 604/164.04.ccls. and ultrasonic USPAT; 2003/11/07 US-PGPUB 10:28 - 6564 ultrasonic and (vessel or vascular or artery) and (vacuum or aspirat\$4) US-PGPUB 10:34 - 36125 606/\$.ccls. USPAT; 2003/11/07 US-PGPUB 10:32 - 50636 604/\$.ccls. USPAT; 2003/11/07 US-PGPUB 10:32 - 81412 606/\$.ccls. or 604/\$.ccls. USPAT; 2003/11/07	-	1 38	004/1/4.CCIS. and ultrasonic		1
- 6 604/164.04.ccls. and ultrasonic US-PGPUB USPAT; 2003/11/07 US-PGPUB 10:28 - 6564 ultrasonic and (vessel or vascular or artery) and (vacuum or aspirat\$4) US-PGPUB 10:34 - 36125 606/\$.ccls. USPAT; 2003/11/07 US-PGPUB 10:32 - 50636 604/\$.ccls. USPAT; 2003/11/07 US-PGPUB 10:32 - 81412 606/\$.ccls. or 604/\$.ccls. USPAT; 2003/11/07					
- 6 604/164.04.ccls. and ultrasonic USPAT; 2003/11/07 US-PGPUB 10:28 - 6564 ultrasonic and (vessel or vascular or artery) and (vacuum or aspirat\$4) US-PGPUB 10:34 - 36125 606/\$.ccls. USPAT; 2003/11/07 US-PGPUB 10:32 - 50636 604/\$.ccls. USPAT; 2003/11/07 US-PGPUB 10:32 - 81412 606/\$.ccls. or 604/\$.ccls. USPAT; 2003/11/07	. –	55	604/164.04.ccls.	1	
- 6564 ultrasonic and (vessel or vascular or artery) and (vacuum or aspirat\$4) US-PGPUB 10:28 - 36125 606/\$.ccls. USPAT; 2003/11/07 US-PGPUB 10:34 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32				US-PGPUB	10:24
- 6564 ultrasonic and (vessel or vascular or artery) and (vacuum or aspirat\$4) US-PGPUB 10:28 - 36125 606/\$.ccls. USPAT; 2003/11/07 US-PGPUB 10:34 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32	-	۱ 6	604/164.04.ccls. and ultrasonic	USPAT;	2003/11/07
- 6564 ultrasonic and (vessel or vascular or artery) and (vacuum or aspirat\$4) US-PGPUB 10:34 - 36125 606/\$.ccls. USPAT; 2003/11/07 US-PGPUB 10:32 - 50636 604/\$.ccls. USPAT; 2003/11/07 US-PGPUB 10:32 - 81412 606/\$.ccls. or 604/\$.ccls. USPAT; 2003/11/07		l		1	
artery) and (vacuum or aspirat\$4)  36125 606/\$.ccls.  50636 604/\$.ccls.  003/11/07  US-PGPUB 10:32  USPAT; 2003/11/07  US-PGPUB 10:32		CECA	ultraconic and /woodal or wassular an	1 '	
- 36125 606/\$.ccls. USPAT; 2003/11/07 US-PGPUB 10:32 - 50636 604/\$.ccls. USPAT; 2003/11/07 US-PGPUB 10:32 - 81412 606/\$.ccls. or 604/\$.ccls. USPAT; 2003/11/07	-	6564		1	
US-PGPUB 10:32 - 50636 604/\$.ccls. USPAT; 2003/11/07 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32 US-PGPUB 10:32	]				
- 50636 604/\$.ccls. USPAT; 2003/11/07 US-PGPUB 10:32 USPAT; 2003/11/07	-	36125	606/\$.ccls.		1
- 50636 604/\$.ccls. USPAT; 2003/11/07 US-PGPUB 10:32 USPAT; 2003/11/07		1		US-PGPUB	10:32
US-PGPUB 10:32 - 81412 606/\$.ccls. or 604/\$.ccls. USPAT; 2003/11/07	-	50636	604/\$.ccls.		2003/11/07
- 81412 606/\$.ccls. or 604/\$.ccls. USPAT; 2003/11/07					1
	l _	91412	606/\$ ccls or 604/\$ ccls		
US-PGPUB 10:32	-	01412	000/9.0015. 01 004/9.0018.		1
	L			US-PGPUB	10:32

973	(ultrasonic and (vessel or vascular or artery) and (vacuum or aspirat\$4)) and	USPAT; US-PGPUB	2003/11/07 10:32
- 675	(606/\$.ccls. or 604/\$.ccls.) ultrasonic and (vessel or vascular or artery) and (vacuum or aspirat\$4) and	USPAT; US-PGPUB	2003/11/07 10:35
- 4062	ablat\$4 ultrasonic and (vessel or vascular or	USPAT;	2003/11/07
4062	artery) and (vacuum or aspirat\$4) not imag\$4	US-PGPUB	10:36
4062	<pre>(ultrasonic not imag\$4) and (vessel or vascular or artery) and (vacuum or aspirat\$4)</pre>	USPAT; US-PGPUB	2003/11/07
- 1	4692139.pn.	USPAT; US-PGPUB	2003/11/07 10:38
12	("3589363"   "3792701"   "3913565"   "4041947"   "4063557"   "4078564"   "4466435"   "4515583"   "4516398"	USPAT	2003/11/07 10:39
- 101	"4526571"   "4531934"   "4561446").PN. 4692139.URPN.	USPAT	2003/11/07 11:04
- 18	(4692139.URPN. and (vessel or vascular or artery)) and (aspirat4 or vacuum)	USPAT	2003/11/07 11:06
- 69	4692139.URPN. and (vessel or vascular or artery)	USPAT	2003/11/07 12:35
- 40	4692139.URPN. and (vessel or vascular or artery) and ultrasonic	USPAT	2003/11/07
- 1	6508782.pn.	USPAT	2003/11/07 12:35
	5971960.pn.	USPAT	2004/03/01 16:39
- 10	("3717151"   "4944732"   "5122114"   "5217441"   "5217451"   "5248302"   "5282788"   "5330497"   "5549595"   "5637097").PN.	USPAT	2004/03/01 16:37
- 6	5971960.URPN.	USPAT	2004/03/01 16:38
-   1	6030402.pn.	USPAT	2004/03/01 16:45
- 39	("3577991"   "3831585"   "4592356"   "4684369"   "4762519"   "4826481"   "4869717"   "5066280"   "5112310"   "5116353"   "5152749"   "5158543"   "5167627"   "5215526"   "5271380"   "5300036"   "5318585"   "5330497"   "5334150"   "5342382"   "5346345"   "53748541"   "5356382"   "5366445"   "5370625"   "5372588"   "5397325"   "5399167"   "5407427"   "5431676"   "5454791"   "5624459"   "5690663"   "5690664"   "5707362"   "5713869"   "5725553"   "5728110"   "5843115").PN.	USPAT	2004/03/01 16:39
2	6030402.URPN.	USPAT	2004/03/01 16:41
0	"20020007130"	USPAT	2004/03/01 16:42
	"20020007130"	USPAT; US-PGPUB	2004/03/01
- 0 - 2	20020007130.URPN. 6030402.URPN.	USPAT USPAT	2004/03/01 16:42 2004/03/01
- 1	5112310.pn.	USPAT	16:45 2004/03/01
- 22	("3397699"   "3640281"   "4315513"   "4666433"   "4668225"   "4676782"   "4758219"   "4762519"   "4767404"   "4769014"   "4775362"   "4781682"   "4781694"   "4781704"   "4795430"   "4826481"   "4861334"   "4863438"   "4900306"   "4921479"   "4944732"	USPAT	17:13 2004/03/01 16:46
	"5019032").PN.		L

Search History 9/14/04 6:26:21 PM Page 4

-	51	5112310.URPN.	USPAT	2004/03/01
				16:47
-	51	5112310.URPN.	USPAT	2004/03/01 17:13
	111	(("3577991"   "3831585"   "4592356"	USPAT	2004/03/01
		"4684369"   "4762519"   "4826481"		17:13
		"4869717"   "5066280"   "5112310"		
		"5116353"   "5152749"   "5158543"     "5167627"   "5215526"   "5271380"		
		"5300036"   "5318585"   "5330497"		
		"5334150"   "5342382"   "5343874"		
		"5348541"   "5356382"   "5366445"		
		"5370625"   "5372588"   "5397325"     "5399167"   "5407427"   "5431676"		
		"5454791"   "5624459"   "5690663"		
		"5690664"   "5707362"   "5713869"		
•		"5725553"   "5728110"   "5843115").PN.)	•	
		or 6030402.URPN. or 5112310.URPN. or (("3397699"   "3640281"   "4315513"		
		(( 3397699   3640261   4313313     "4666433"   "4668225"   "4676782"		
		"4758219"   "4762519"   "4767404"		
		"4769014"   "4775362"   "4781682"		
		"4781694"   "4781704"   "4795430"     "4826481"   "48661334"   "48663438"		
		"4826481"   "4861334"   "4863438"     "4900306"   "4921479"   "4944732"		
		"5019032").PN.)		
-	4	((("3577991"   "3831585"   "4592356"	USPAT	2004/03/01
		"4684369"   "4762519"   "4826481"     "4869717"   "5066280"   "5112310"		17:26
		"5116353"   "5152749"   "5158543"		
		"5167627"   "5215526"   "5271380"		
		"5300036"   "5318585"   "5330497"		
		"5334150"   "5342382"   "5343874"     "5348541"   "5356382"   "5366445"		
		"5370625"   "5372588"   "5397325"		
		"5399167"   "5407427"   "5431676"		
		"5454791"   "5624459"   "5690663"     "5690664"   "5707362"   "5713869"		
		"5690664"   "5707362"   "5713869"     "5725553"   "5728110"   "5843115").PN.)		
		or 6030402.URPN. or 5112310.URPN. or		
		(("3397699"   "3640281"   "4315513"		
		"4666433"   "4668225"   "4676782"   "4758219"   "4762519"   "4767404"		
		"4758219"   "4762519"   "4767404"     "4769014"   "4775362"   "4781682"		
		"4781694"   "4781704"   "4795430"		
		"4826481"   "4861334"   "4863438"		
		"4900306"   "4921479"   "4944732"   "5019032").PN.)) and ultrasonic		
_	1	5971960.pn.	USPAT;	2004/03/01
		•	US-PGPUB	17:15
-	1	5112310.pn.	USPAT;	2004/03/01
_	3	5112310.pn. or 5971960.pn. or	US-PGPUB USPAT;	2004/03/01
		"20020007130"	US-PGPUB	17:15
-	0	(5112310.pn. or 5971960.pn. or	USPAT;	2004/03/01
_	2	"20020007130") and ultrasonic (5112310.pn. or 5971960.pn. or	US-PGPUB USPAT;	17:15   2004/03/01
	2	(3112310.ph. of 39/1960.ph. of "20020007130") and ultra\$9	US-PGPUB	17:15
-	21	("3777761"   "4114618"   "4236521"	USPAT	2004/03/01
		"4722724"   "4748982"   "4762519"     "4704031"   "4834435"   "4850358"   :		17:20
		"4794931"   "4824435"   "4850358"   ' "4887606"   "4920954"   "5000185"		
		"5003990"   "5037387"   "5040548"		
		"5061267"   "5061273"   "5102403"		
_	50	"5112310"   "5131407"   "5342300").PN.   5443456.URPN.	USPAT	2004/03/01
	30	JIIJIJU.URFN.	JOSEAN	17:20

71 45	(("3777761"   "4114618"   "4236521"   "4722724"   "4748982"   "4762519"   "4794931"   "4824435"   "4850358"   "4887606"   "4920954"   "5000185"   "5003990"   "5037387"   "5040548"   "5061267"   "5061273"   "5102403"   "5112310"   "5131407"   "5342300").PN.) or 5443456.URPN. ((("3777761"   "4114618"   "4236521"   "4722724"   "4748982"   "4762519"	USPAT	2004/03/01 17:20
45	((("3777761"   "4114618"   "4236521"	USPAT	[
	"4794931"   "4824435"   "4850358"   "4887606"   "4920954"   "5000185"   "5003990"   "5037387"   "5040548"   "5061267"   "5061273"   "5102403"   "5112310"   "5131407"   "5342300").PN.)		2004/03/01 17:43
1	6030402.pn.	USPAT	2004/03/01 17:32
1	5,417,712.pn.	USPAT	2004/03/01 17:32
1	5824002.pn.	USPAT	2004/03/01 17:34
21459	"45" and (catheter or trocar or cannula)	USPAT	2004/03/01 17:44
45	(((("3777761"   "4114618"   "4236521"   "4722724"   "4748982"   "4762519"   "4794931"   "4824435"   "4850358"   "4887606"   "4920954"   "5000185"   "5003990"   "5037387"   "5040548"   "5061267"   "5061273"   "5102403"   "5112310"   "5131407"   "5342300").PN.) or 5443456.URPN.) and ultrasonic) and (catheter or trocar or cannula)	USPAT	2004/03/01 17:44
8	("0832201"   "2320611"   "3857395"   "4236742"   "4592341"   "5112310"	USPAT	2004/03/01 18:02
16	5339803.URPN.	USPAT	2004/03/01
1	5971983.pn.	USPAT	2004/03/01 18:13
25	("0781763"   "1870942"   "3397699"   "3799172"   "3815608"   "4140119"   "4393873"   "4553959"   "4573576"   "4648402"   "4660571"   "4666433"   "4680029"   "4699611"   "4758219"   "4781682"   "4781704"   "4798592"   "4808163"   "4863438"   "4878893"   "4921485"   "4944732"   "5073166"	USPAT	2004/03/02 15:29
18	5248302.URPN.	USPAT	2004/03/02
40	("3910272"   "RE31855"   "4581025"   "4732152"   "4776846"   "4798592"   "4861334"   "4865593"   "4874374"   "4883468"   "5007900"   "5074846"   "5080650"   "5084014"   "5098378"   "5104388"   "5158545"   "5180372"   "5195978"   "5209741"   "5234454"   "5248302"   "5279564"   "5318542"   "5318543"   "5341823"   "5356391"   "5391159"   "5397332"   "5405378"   "5429598"   "5454790"   "5489269"   "5531699"   "5536255"   "5555898"   "5556411"   "5626614"   "5928208"	USPAT	2004/03/02 16:03
	1 1 21459 45	"5061267"   "5061273"   "5102403"   "5112310"   "5131407"   "5342300").PN.) or 5443456.URPN.) and ultrasonic 6030402.pn.  1 5,417,712.pn. 1 5824002.pn.  21459 "45" and (catheter or trocar or cannula)  45 (((("3777761"   "4114618"   "4236521"   "4722724"   "4748982"   "4762519"   "4794931"   "4824435"   "4850358"   "4887606"   "4920954"   "5000185"   "5003990"   "5037387"   "5040546"   "5061267"   "5061273"   "5102403"   "5112310"   "5131407"   "5342300").PN.) or 5443456.URPN.) and ultrasonic) and (catheter or trocar or cannula) 8 ("0832201"   "2320611"   "3857395"   "4236742"   "4592341"   "5112310"   "5178133"   "5195505").PN.  15 971983.pn.  25 ("0781763"   "1870942"   "3397699"   "3799172"   "3815608"   "4140119"   "4393873"   "4553959"   "4573576"   "4648402"   "4669571"   "466433"   "4680029"   "4699611"   "4758219"   "4781682"   "4781704"   "4798592"   "4880163"   "4863438"   "4878893"   "4921465"   "4944732"   "5073166"   "5122122").PN.  18 5248302.URPN.  40 ("3910272"   "RE31855"   "4581025"   "4732152"   "4776846"   "4798592"   "4881348"   "4865593"   "4873774"   "4883468"   "5007900"   "5074846"   "500650"   "5084014"   "5098378"   "5104388"   "515845"   "518542"   "5195978"   "5209741"   "5234454"   "5248302"   "5279564"   "5318542"   "5318543"   "5397332"   "5405378"   "5391159"   "5397332"   "5405378"   "5425998"   "5454790"   "548269"   "5531699"   "55316595"   "5555888"	"5061267"   "5061273"   "5102403"   "5112310"   "5131407"   "5342300").PN.) or 5443456.URPN.) and ultrasonic  1 6030402.pn.  1 5,417,712.pn.  1 5824002.pn.  21459 "45" and (catheter or trocar or cannula)  45 (((("3777761"   "4114618"   "4236521"   "4724931"   "4748982"   "4762519"   "4724724"   "4748982"   "4762519"   "4794931"   "4824435"   "4850358"   "4887666"   "4920954"   "5000185"   "5003990"   "5037387"   "5040548"   "501261273"   "5112310"   "5112310"   "5112310"   "5112310"   "5112310"   "5112310"   "5112310"   "51781333"   "5178133"   "517813333"   "517813333"   "517813333"   "517813333"   "517813333"   "517813333"   "517813333"   "517813333"   "517813333"   "517813333"

			, w	· · · · · · · · · · · · · · · · · · ·
-	37	("Re31855"   "B1Re31855"   "3910272"	USPAT	2004/03/02
		"4581025"   "4732152"   "4776846"		16:04
		"4798592"   "4861334"   "4865593"		
		"4874374"   "4883468"   "5007900"		
		"5074846"   "5080650"   "5084014"		!
		"5098378"   "5104388"   "5158545"	ĺ	
		"5180372"   "5195978"   "5209741"		
		, , , , , , , , , , , , , , , , , , ,		
		"5318542"   "5318543"   "5356391"		
		"5391159"   "5397332"   "5405378"		
		"5429598"   "5454790"   "5531699"		
		"5536255"   "5555898"   "5556411"		
		"5928208"   "5941855").PN.		
_	40	(("3910272"   "RE31855"   "4581025"	USPAT	2004/03/02
		"4732152"   "4776846"   "4798592"		16:04
		"4861334"   "4865593"   "4874374"		10.01
		• • • • • • • • • • • • • • • • • • • •		ļ
		"4883468"   "5007900"   "5074846"		
		"5080650"   "5084014"   "5098378"		
•		"5104388"   "5158545"   "5180372"		
		"5195978"   "5209741"   "5234454"		
		"5248302"   "5279564"   "5318542"		
		"5318543"   "5341823"   "5356391"		
]		"5391159"   "5397332"   "5405378"		
		"5429598"   "5454790"   "5489269"	· ·	
, l				
		"5531699"   "5536255"   "5555898"		
		"5556411"   "5626614"   "5928208"		
		"5941855").PN.) or (("Re31855"		
		"B1Re31855"   "3910272"   "4581025"		i
		"4732152"   "4776846"   "4798592"		
		"4861334"   "4865593"   "4874374"		
		"4883468"   "5007900"   "5074846"		
		"5080650"   "5084014"   "5098378"		
		"5104388"   "5158545"   "5180372"		
		"5195978"   "5209741"   "5234454"		
		"5248302"   "5279564"   "5318542"		
		"5318543"   "5356391"   "5391159"		
		"5397332"   "5405378"   "5429598"		
	ļ	"5454790"   "5531699"   "5536255"		
		"5555898"   "5556411"   "5928208"		
		"5941855").PN.)		
1_	12	((("3910272"   "RE31855"   "4581025"	USPAT	2004/03/02
	12	"4732152"   "4776846"   "4798592"	001	16:15
		"4861334"   "4865593"   "4874374"		1 10.19
		• • • • • • • • • • • • • • • • • • • •		
	İ	"4883468"   "5007900"   "5074846"		
		"5080650"   "5084014"   "5098378"		
		"5104388"   "5158545"   "5180372"	1	
	`	"5195978"   "5209741"   "5234454"		j l
		"5248302"   "5279564"   "5318542"		
'		"5318543"   "5341823"   "5356391"		
		"5391159"   "5397332"   "5405378"		
		"5429598"   "5454790"   "5489269"		
		"5531699"   "5536255"   "5555898"		
		"5941855").PN.) or (("Re31855"		
		"B1Re31855"   "3910272"   "4581025"		
		"4732152"   "4776846"   "4798592"		
		"4861334"   "4865593"   "4874374"		
		"4883468"   "5007900"   "5074846"		
		"5080650"   "5084014"   "5098378"		
		"5104388"   "5158545"   "5180372"		
		"5195978"   "5209741"   "5234454"		
		•		
		"5248302"   "5279564"   "5318542"		
		"5318543"   "5356391"   "5391159"		
		"5397332"   "5405378"   "5429598"		
		"5454790"   "5531699"   "5536255"		
		"5555898"   "5556411"   "5928208"		
	Į	"5941855").PN.)) and (vein or arter\$3 or		
		vascular)		
-	1	5971983.pn.	USPAT	2004/03/02
		•	]	16:23

-	1	"20030163147"	USPAT;	2004/03/02
1		·	US-PGPUB	16:23
-	15	("2616429"   "3490457"   "3948271"	USPAT	2004/03/02
		"4077412"   "4112932"   "4141364"		16:30
+		"4589868"   "4871358"   "5074867"		i i
		"5102401"   "5176649"   "5183464"		
		"5183471"   "5248302"   "5344439").PN.		i .
1_	43	5454790.URPN.	USPAT	2004/03/02
	3.5	5454750.0KLM.	051111	16:36
	1	5707359.pn.	USPAT	2004/03/02
-	1	5707359.pii.	USFAI	17:53
	,	[ [ 12027 mm	HCDAM.	2004/09/08
-	1	5512037.pn.	USPAT;	
			US-PGPUB	12:06
-	25	("0987173"   "2137710"   "3467079"	USPAT	2004/09/08
		"3467090"   "3570498"   "4190042"		12:06
		"4393872"   "4459978"   "4654028"		<u> </u>
1		"4655219"   "4665906"   "4741330"		
1		"4830002"   "4874375"   "4890612"		Į l
		"4909789"   "5106369"   "5151086"		
		"5195505"   "5242456"   "5281220"		
		"5282806"   "5300084"   "5351679"		
		"5352235").PN.		
_	37	5512037.URPN.	USPAT	2004/09/08
			İ	12:12
_	1	"20030163147"	USPAT;	2004/09/08
	*		US-PGPUB	15:28
1_	1	"20020007130"	USPAT;	2004/09/08
-	1	20020007130	US-PGPUB	15:28
	_	(840444428   854227278   857228728	USPAT	2004/09/14
-	6	("4944443"   "5433727"   "5732872"	USPAI	i i
	_	"5782861"   "5792179"   "5810884").PN.		12:19
-	6	("4944443"   "5433727"   "5732872"	USPAT	2004/09/14
		"5782861"   "5792179"   "5810884").PN.		12:21
-	5	5919207.URPN.	USPAT	2004/09/14
				12:21
-	6	("3467090"   "4557255"   "4598699"	USPAT	2004/09/14
		"4654028"   "4655219"   "4692139").PN.		12:24
-	58	4909789.URPN.	USPAT	2004/09/14
				12:25
_	40293	606/\$.ccls.	USPAT;	2004/09/14
			US-PGPUB	13:29
-	409	606/\$.ccls. and (suture with \$3hook)	USPAT;	2004/09/14
		, , , , , , , , , , , , , , , , , , , ,	US-PGPUB	13:30
1_	173	606/\$.ccls. and (suture adj4 \$3hook)	USPAT;	2004/09/14
	1,3	Over the content of	US-PGPUB	14:04
_	673	606/148.ccls.	USPAT;	2004/09/14
ļ <sup>-</sup>	0/3	000/140.0013.	US-PGPUB	15:08
1_	(10	606/149 gglg not /606/6 gglg and	USPAT;	2004/09/14
-	619	606/148.ccls. not (606/\$.ccls. and	USPAT; US-PGPUB	14:03
1	122	(suture adj4 \$3hook))	1	2004/09/14
-	139	(606/148.ccls. not (606/\$.ccls. and	USPAT;	14:04
!		(suture adj4 \$3hook))) and \$3hook	US-PGPUB	2004/09/14
-	219	606/\$.ccls. and (suture adj4 hook)	USPAT;	
1		1,556,4	US-PGPUB	14:04
-	46	(606/\$.ccls. and (suture adj4 hook)) not	USPAT;	2004/09/14
1		(606/\$.ccls. and (suture adj4 \$3hook))	US-PGPUB	14:05
-	151	(606/148.ccls. not (606/\$.ccls. and	USPAT;	2004/09/14
1		(suture adj4 \$3hook))) and hook	US-PGPUB	15:09
-	1025	romano.in.	USPAT;	2004/09/14
1	į		US-PGPUB	15:01
-	4	romano.in. and suture and wire	USPAT;	2004/09/14
	]		US-PGPUB	15:01
-	l 0	20010012945.URPN.	USPAT	2004/09/14
	l			15:02
l _	0	20010016747.URPN.	USPAT	2004/09/14
	l	EGOTOGIALLOUTIA.	331711	15:02
1_	625	606/153.ccls.	USPAT;	2004/09/14
1 -	623	000/133.0013.	US-PGPUB	15:08
	227	606/152 gglg and hock		2004/09/14
-	227	606/153.ccls. and hook	USPAT;	15:08
	1 222	/COC/1521	US-PGPUB	
<del>-</del>	213	(606/153.ccls. and hook) not (606/\$.ccls.	USPAT;	2004/09/14
	<u> </u>	and (suture adj4 hook))	US-PGPUB	15:08

-	209		USPAT;	2004/09/14
		(606/\$.ccls. and (suture adj4 hook))) not	US-PGPUB	15:30
		((606/148.ccls. not (606/\$.ccls. and		<b>i</b>
		(suture adj4 \$3hook))) and hook)		
-	1150	606/151.ccls.	USPAT;	2004/09/14
			US-PGPUB	15:30
_	5569	606/\$.ccls. and hook	USPAT;	2004/09/14
			US-PGPUB	15:30
	284	606/151.ccls. and hook	USPAT;	2004/09/14
			US-PGPUB	15:31
_	49	606/233.ccls.	USPAT;	2004/09/14
•			US-PGPUB	15:31
_	15	606/233.ccls. and hook	USPAT;	2004/09/14
			US-PGPUB	15:31
_	1468	"00266"	USPAT;	2004/09/14
			US-PGPUB;	15:35
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	1	("0000266").PN.	USPAT;	2004/09/14
		, , , , , , , , , , , , , , , , , , , ,	US-PGPUB	15:36
_	1	loshakove.in. and 16c	USPAT;	2004/09/14
	•		US-PGPUB;	15:37
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
l	47	loshakove.in.	USPAT;	2004/09/14
	4,	103Hakove. Hi.	US-PGPUB;	16:56
			EPO; JPO;	10.30
			DERWENT;	
			IBM TDB	
	25321	"20010925"	USPAT;	2004/09/14
<del>-</del>	25321	~20010925		15:42
			US-PGPUB; EPO; JPO;	15:42
			DERWENT;	1
			1	
		(#2001002F#) PM	IBM_TDB	2004/09/14
_	0	("20010925").PN.	USPAT;	15:47
			US-PGPUB;	15:47
			EPO; JPO;	
			DERWENT;	
		4655210 mm	IBM_TDB	2004/09/14
-	1	4655219.pn.	USPAT;	2004/09/14 15:49
	_	/#3530633#   #3034590#   #4003390#	US-PGPUB	2004/09/14
-	6	<b>,</b>	USPAT	15:48
		"4085743"   "4174715"   "4467802").PN.	HCDAG	
-	77	4655219.URPN.	USPAT	2004/09/14
	_	FF12027	HCDAG.	15:48
-	1	5512037.pn.	USPAT;	2004/09/14
1		(#0007170#   #0107710#   #0467070#	US-PGPUB	15:49
-	25	("0987173"   "2137710"   "3467079"	USPAT	2004/09/14
		"3467090"   "3570498"   "4190042"		15:49
		"4393872"   "4459978"   "4654028"		
		"4655219"   "4665906"   "4741330"		
		"4830002"   "4874375"   "4890612"		
		"4909789"   "5106369"   "5151086"		
		"5195505"   "5242456"   "5281220"		
		"5282806"   "5300084"   "5351679"		
		"5352235").PN.		2004/00/14
-	37	5512037.URPN.	USPAT	2004/09/14
				15:50